

DERWENT-ACC-NO: 2000-129082

DERWENT-WEEK: 200021

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TITLE: Water-based surface treatment agent for e.g.  
domestic electric appliances - comprises water base  
resin containing colloidal silica and ammonium  
vanadate

PATENT-ASSIGNEE: NIPPON PAINT CO LTD[NIPA] , NIPPON STEEL  
CORP[YAWA]

PRIORITY-DATA: 1998JP-0119812 (April 30, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
<u>JP 11310757 A</u>	November 9, 1999	N/A
008 C09D 201/00		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP 11310757A	N/A	1998JP-0119812
April 30, 1998		

INT-CL (IPC): B05D007/14, C09D005/08 , C09D201/00 , C23C022/00

ABSTRACTED-PUB-NO: JP 11310757A

BASIC-ABSTRACT:

NOVELTY - The surface treatment agent contains water-base resin. 50-97.9 weight percent (wt. %) of the resin contains 2- 49.1 wt. % of colloidal silica and 0.1-10 wt. % of ammonium vanadate by solid content conversion.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for surface treated steel plate which involves forming a skin layer on the steel sheet using the surface treatment agent.

USE - For household electric appliances, building materials and motor vehicles.

ADVANTAGE - The surface treatment agent has excellent rust- proof and corrosion-resisting ability. The surface treatment agent and surface treated steel plate have favorable dew formation-proof property.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: WATER BASED SURFACE TREAT AGENT DOMESTIC ELECTRIC APPLIANCE

COMPRISE WATER BASE RESIN CONTAIN COLLOID SILICA AMMONIUM VANADATE

DERWENT-CLASS: A82 E31 G02 M13 P42

CPI-CODES: A12-B01A; A12-B04A; E31-P03; E35-N; G02-A05E; M13-H05;

CHEMICAL-CODES:

Chemical Indexing M3 \*01\*

Fragmentation Code

B114 B702 B720 B831 C108 C800 C802 C803 C804 C805

C807 M411 M782 M903 M904 M910 Q130 Q332 Q462 Q464

Q465 R024 R043

Specfic Compounds

01694K 01694M

Registry Numbers

1694U

Chemical Indexing M3 \*02\*

Fragmentation Code

A423 A980 C108 C500 C730 C801 C802 C804 C807 M411

M782 M903 M904 Q130 Q132 Q332 Q462 Q464 Q465 R024

R043

Specfic Compounds

07335K 07335M

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1694U

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1]

018 ; P0088\*R ; S9999 S1025 S1014 ; M9999 M2073

Polymer Index [1.2]

018 ; P1592\*R F77 D01 ; S9999 S1025 S1014 ; M9999 M2073

Polymer Index [1.3]

018 ; G0033\*R G0022 D01 D02 D51 D53 ; H0000 ; H0011\*R ; S9999 S1025

S1014 ; M9999 M2073 ; P1150

Polymer Index [1.4]

018 ; ND01 ; K9552 K9483 ; K9676\*R ; Q9999 Q7114\*R ; Q9999  
Q7330\*R  
; Q9999 Q6791 ; Q9999 Q7681\*R ; Q9999 Q6826\*R ; Q9999 Q6995\*R ;  
K9712 K9676 ; Q9999 Q9234 Q9212 ; B9999 B4591 B4568 ; Q9999 Q7136  
Q7114 ; B9999 B4706\*R B4568  
Polymer Index [1.5]  
018 ; A999 A157\*R  
Polymer Index [2.1]  
018 ; R00859 G1809 G1649 D01 D23 D22 D31 D45 D50 D76 D83 F19 F10  
F07 ; A999 A157\*R ; A999 A782 ; P0259\*R P0226 D01 ; H0011\*R

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2000-039789

Non-CPI Secondary Accession Numbers: N2000-097311